

Work Order ID 162108

162108

Page 1

Friday, May 26, 2017 10:02:11 AM

Item ID: D5297-041 Accept *N900040100* Setup Start *NS1*
Revision ID: Stop *NS2*
Item Name: Cinch Buckle Assembly
Start Date: 5/29/2017 Start Qty: 150.00 *150* Cust Item ID:
Required Date: 6/5/2017 Req'd Qty: 150.00 *150* Customer:
Reference:

Approvals: Process Plan: DAS 13 9-89 Date: MAY 26 2017 Tooling: Date: Run Start *NR1*
QC: Date: SPC (Y/N): Date: Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
D5297	B

100 PURCHASING 0.00 150 MAY 26 2017 DAS 13 9-89

100

Purchasing

Purchasing

Memo

Issue P/O: 36455

Possible Supplier: ACW

Description: CINCH BUCKLE ASSY

Supplier P/N: CSR-1

C OF C is required

110

110

Packaging

Packaging

Receive & Inspect for Damage & Mat'l Certs

0.00

Memo

0.00

501 5017-62

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																													
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval																																																									
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval																																																									
Root Cause		FAULT CATEGORY																																																															
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐	Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐	Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐	Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐	Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐	Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐	Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐	Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐	LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐	Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐	Past Expiry Date ☐	Manufacturing Process ☐	OTHER : ☐			
Misidentified ☐	Past Due ☐																																																																

Work Order ID 162108***162108***

Page 2

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Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120	QC6- All purchased or subcontracted products	0.00							
120						<u>150</u>			
QC	Memo	0.00							
Quality Control									DAS 38 9-89 JUN 05 2017
130	Identify as per dwg & Stock Location: <u>St 162</u>	0.00							
130						<u>150</u>			
Packaging	Memo	0.00							
Packaging									JUN 05 2017 DAS 13 9-89
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

17/6/17 
 JUN 05 2017

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																											
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Misidentified ☐	Past Due ☐																																																														

Picklist Print

Friday, May 26, 2017 10:02:10 AM

Page 1

Work Order ID: 162108

162108

Parent Item: D5297-041

D5297-041

Parent Item Name: Cinch Buckle Assembly

Start Date: 5/29/2017

Required Date: 6/5/2017

Start Qty: 150.00

Required Qty: 150.00

Comments: IPP REV:A 15.10.29 NEW ISSUE DD VERF:JLM IPP
REV:B 16.06.23 AS PER DWG REV.B DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
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CSR-1

Purchased

No

100

Each

0.0000

1

150

CSR-1

Cinch Buckle Assembly

**

150 x 2017-6-2

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

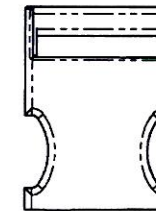
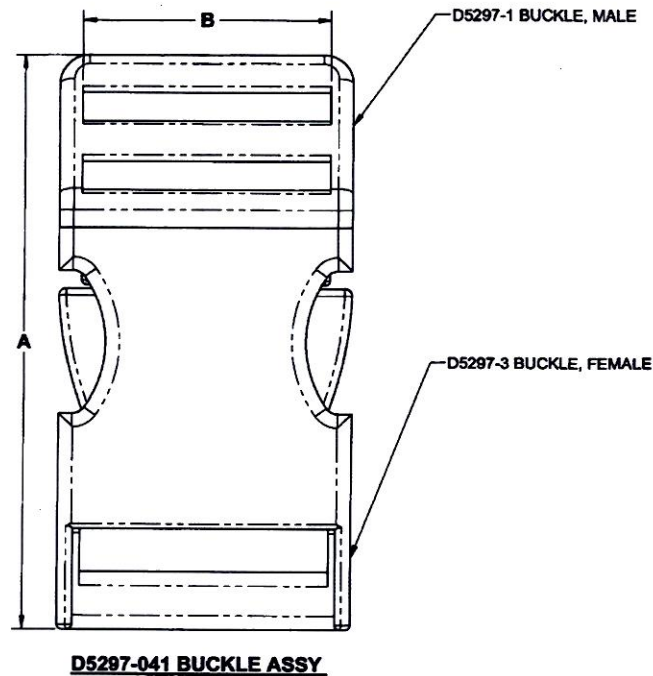
QA Closed: _____ Date: _____

Work Order update only ☐

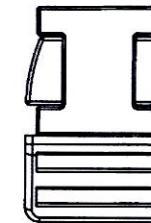
Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval 	
Description Work Order Deviation				Disposition					
								Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	

Root Cause			FAULT CATEGORY							
Environment ☐	☐	No Re-verification	☐	Pressure/Forced	☐	Temperature/Cure	☐	Power Loss/Surge	☐	Positioned Wrong
Design ☐	☐	Operator	☐	Bending	☐	Set-up	☐	Folio/Program	☐	Outside Dimensions
Doc/Data ☐	☐	Offset/Setup	☐	Centre Not Concentric	☐	BOM/Route	☐	Grain	☐	Over/Under tolerance
Equip/Tooling ☐	☐	Supplier	☐	Cracks	☐	Broken/Damage/Defect	☐	Weld	☐	Part Incorrect
Handling/Pre ☐	☐	Training	☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified	☐	Wrong Stock Pulled	☐	Part Lost/Missing
Material ☐	☐	Use for Testing	☐	Cuffs	☐	Contamination	☐	Out of Sequence	☐	Part Moved
Internal Transport ☐	☐	Poor Information	☐	Crushing	☐	Countersink	☐	Off-set	☐	Drawing
Tribal Knowledge ☐	☐	Rushing	☐	Heat Treat	☐	Cut Too Short	☐	Mislabeled	☐	Finish
LOA ☐	☐	Product Improvement	☐	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear	☐	Fit/Function	☐	Misread
Substation ☐	☐	Process Improvement	☐	Marks/Chatter	☐	Drill Holes	☐	Misaligned/off center	☐	Turning Sequence
Past Expiry Date ☐	☐	Manufacturing Process	OTHER :							
Misidentified ☐	☐	Past Due								

SPECIFICATION CONTROL DRAWING



D5297-3 BUCKLE, FEMALE



D5297-1 BUCKLE, MALE

DART P/N	DESCRIPTION	VENDOR	VENDOR P/N	A	B	C	MATERIAL	WEIGHT
D5297-041	CINCH BUCKLE ASSY	ACW	CSR-1	2.8	1.0	0.5	NYLON	0.09 LBS

RELEASED

2016 JUN 23
24N 16-602

MAY 26 2017

DAS
13
9-89

W10:162108

- NOTES:
- 1) MATERIAL: SEE TABLE
 - 2) FINISH: N/A
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: N/A
 - 6) IDENTIFICATION: IDENTIFY PER DART QSI 044
 - 7) WEIGHT: SEE TABLE

APPROVED

B	CHANGE TO NYLON CSR BUCKLE	DB	16.06.16
A	NEW ISSUE	DB	15.09.01
REV.	DESCRIPTION	BY	DATE
DESIGN	DB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	DB		
CHECKED	WM	DRAWING NO.	REV. B
MFG. APPR.	DD	D5297	SHEET 1 OF 1
APPROVED	WM	TITLE	SCALE
DE APPR.	DS	CINCH BUCKLE	NTS
DATE	16.06.16	COPYRIGHT © 2016 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE REPRODUCED FOR ANY PURPOSE OR COMMERCIALIZED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD	



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO36455

Purchase Order Date 5/26/2017 11:10:07 AM
PO Print Date 5/26/2017

Page Number 1 of 1

Order From : VC-ROY001

RBC ROYAL BANK - VISA
PAYMENT CENTRE, PO BOX 4016, STAT. A
TORONTO, ON M5W 1X6
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA



Contact Name

Vendor Phone

Ship To Contact

Ship To Phone

Ship Via: FedEx Economy collect

Ship Acct:

Buyer

Customer POID

Customer Tax # 10127-2607

Terms COD

Currency CAD

FOB Destination-Collect

Chantal Lavoie

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	CSR-1 AS PER DWG D5297 REV. B B162108	Cinch Buckle Assembly	6/8/2017 Yes 6/8/2017	FN	150.00 Each	\$0.50	\$75.00
Line Total:							\$75.00
2	71401-45	PROCUREMENT QUALITY CLAUSES	6/8/2017 No 6/8/2017		1.00	\$0.00	\$0.00
Line Total:							\$0.00
PO Total:							\$75.00

PO Instructions: ACW

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 1

Change Date: 5/26/2017

AMERICAN CORD & WEBBING
1192 KINGSTON ROAD
PICKERING, ONTARIO L1V1B4
(905)939-2247 FX 839-2336

ORDERED BY: DART AEROSPACE INC
1270 ABERDEEN
HAWKESBURY, ONTARIO
K6A 1K7,

SHIP TO: DART AEROSPACE INC
1270 ABERDEEN
HAWKESBURY, ONTARIO
K6A 1K7,

PACKING LIST

Purchase Order # PO# 36455

Sales Order # 4520

Date: 05/31/17 Page # 1

Product Code	Description	Qty Orig Ordered	Qty Ship To Date	Qty On Backorder	Qty This Shipment	Qty Actual Shipped
91600	✓ CSR 1" BLACK ACETAL	150.00	0.00	0.00	150.00	✓ 150
TOTALS THIS ORDER:		150.00	0.00	0.00	150.00	

FREIGHT: 150.00

INSURANCE: 150.00

DATE FILLED: 5/31/17

FILLED BY: 150

SD-62

AMERICAN CORD & WEBBING
1192 KINGSTON ROAD
PICKERING, ONTARIO L1V1B4
(905)839-2247 FX 839-2336

ORDERED DART AEROSPACE INC
BY: 1270 ABERDEEN
HAWKESBURY, ONTARIO
K6A 1K7,

SHIP DART AEROSPACE INC
TO: 1270 ABERDEEN
HAWKESBURY, ONTARIO
K6A 1K7,

P A C K I N G L I S T

Purchase Order # PO# 36455

Sales Order # 4980

Date: 05/31/17 Page # 1

Product Code	Description	Qty Orig Ordered	Qty Ship To Date	Qty On Backorder	Qty This Shipment	Qty Actual Shipped
91600	CSR 1" BLACK ACETAL	150.00	0.00	0.00	150.00	
TOTALS THIS ORDER:		150.00	0.00	0.00	150.00	

FREIGHT: 122.50

INSURANCE: N.O.

DATE FILLED: 5/31/17

FILLED BY: [Signature]

[Handwritten signature]

ACW CANADA

1192 Kingston Road Pickering, Ontario, Canada L1V 1B4
Toll Free: 1-800-545-9751 Local: 905-839-2247 Fax: 905-839-2336
www.acwcanada.ca

LINDA LACELLE
DART AEROSPACE
1270 ABERDEEN
HAWKESBURY, ONTARIO
K6A 1K7

MAY 31, 2017

TO WHOM IT MAY CONCERN:

THIS CERTIFICATION COVERS SHIPMENT ON OUR INVOICE # 22113
DATED 05/31/2017 AGAINST YOUR ORDER # PO# 36455
MATERIAL SHIPPED AGAINST THIS INVOICE COMPLY WITH APPLICABLE
SPECIFICATIONS LISTED BELOW:

S/N 91600 CSR 1" BLACK ACETAL SIDE RELEASE BUCKLE



AUTHORIZED SIGNATURE AND TITLE

MIKE MORGAN
CANADIAN SALES MANAGER

ACW CANADA

1192 Kingston Road Pickering, Ontario, Canada L1V 1B4
Toll Free: 1-800-545-9751 Local: 905-839-2247 Fax: 905-839-2336
www.acwcanada.ca

LINDA LACELLE
DART AEROSPACE
1270 ABERDEEN
HAWKESBURY, ONTARIO
K6A 1K7

MAY 31, 2017

TO WHOM IT MAY CONCERN:

THIS CERTIFICATION COVERS SHIPMENT ON OUR INVOICE # 22113
DATED 05/31/2017 AGAINST YOUR ORDER # PO# 36455
MATERIAL SHIPPED AGAINST THIS INVOICE COMPLY WITH APPLICABLE
SPECIFICATIONS LISTED BELOW:

S/N 91600 CSR 1" BLACK ACETAL SIDE RELEASE BUCKLE



AUTHORIZED SIGNATURE AND TITLE

MIKE MORGAN
CANADIAN SALES MANAGER